

E1
OOD4

15. (Amended) A method according to claim 76, wherein the first DNA polymerase is selected from the group consisting of *Pyrococcus furiosus* DNA polymerase, Vent polymerase, and Deep Vent polymerase.

Sub
Fa
E2

~~35. (Twice Amended) A method of amplifying a polynucleotide sequence, said method comprising mixing a composition with a synthesis primer and a synthesis template, said composition comprising~~

- ~~(a) a first DNA polymerase possessing 3'-5' exonuclease activity, and~~
- ~~(b) a second DNA polymerase, wherein said second polymerase substantially lacks 3'-5' exonuclease activity.~~

Sub
Fa
E3

~~76. (Twice Amended) A method of synthesizing a polynucleotide sequence, said method comprising mixing a composition with a synthesis primer and a synthesis template, said composition comprising~~

- ~~(a) a first DNA polymerase possessing 3'-5' exonuclease activity, and~~
- ~~(b) a second DNA polymerase, wherein said second polymerase substantially lacks 3'-5' exonuclease activity.~~

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